PARTS IDENTIFICATION

FREEZER COMPARTMENT

Freezer Dial

Freezer Lamp

Freezer Shelf

Ice Trays

Ice Cube Box

REFRIGERATOR COMPARTMENT

Lamp

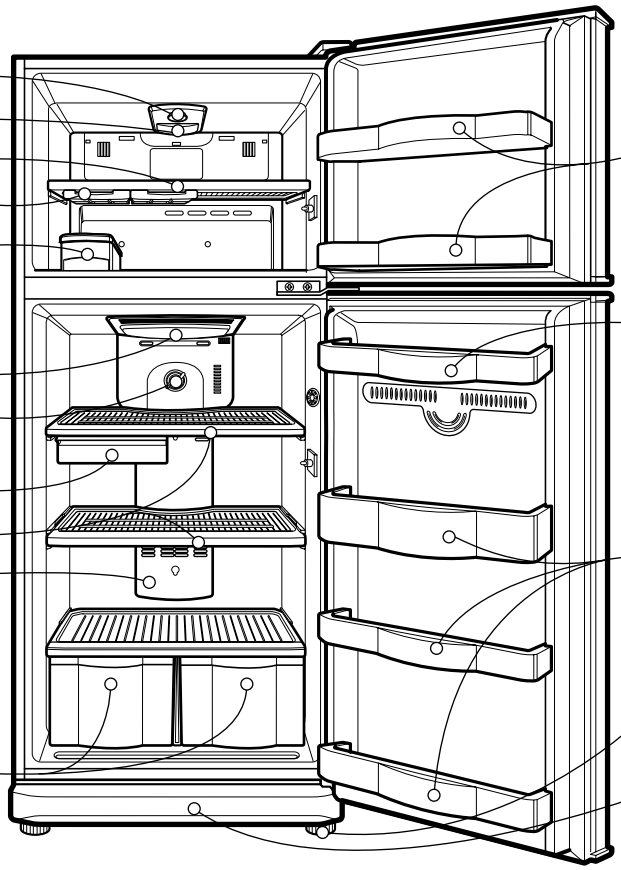
Temperature Control Dial

Chilled Room

Shelves

Multi Flow Duct
Distributes cold air through the shelves to each part of refrigerator compartment and draws in cold air for circulating.

Vegetable Drawer
Used to keep fruits and vegetables, etc. fresh and crisp.



Freezer Door Rack

Egg Storage Rack

Refrigerator Door Rack

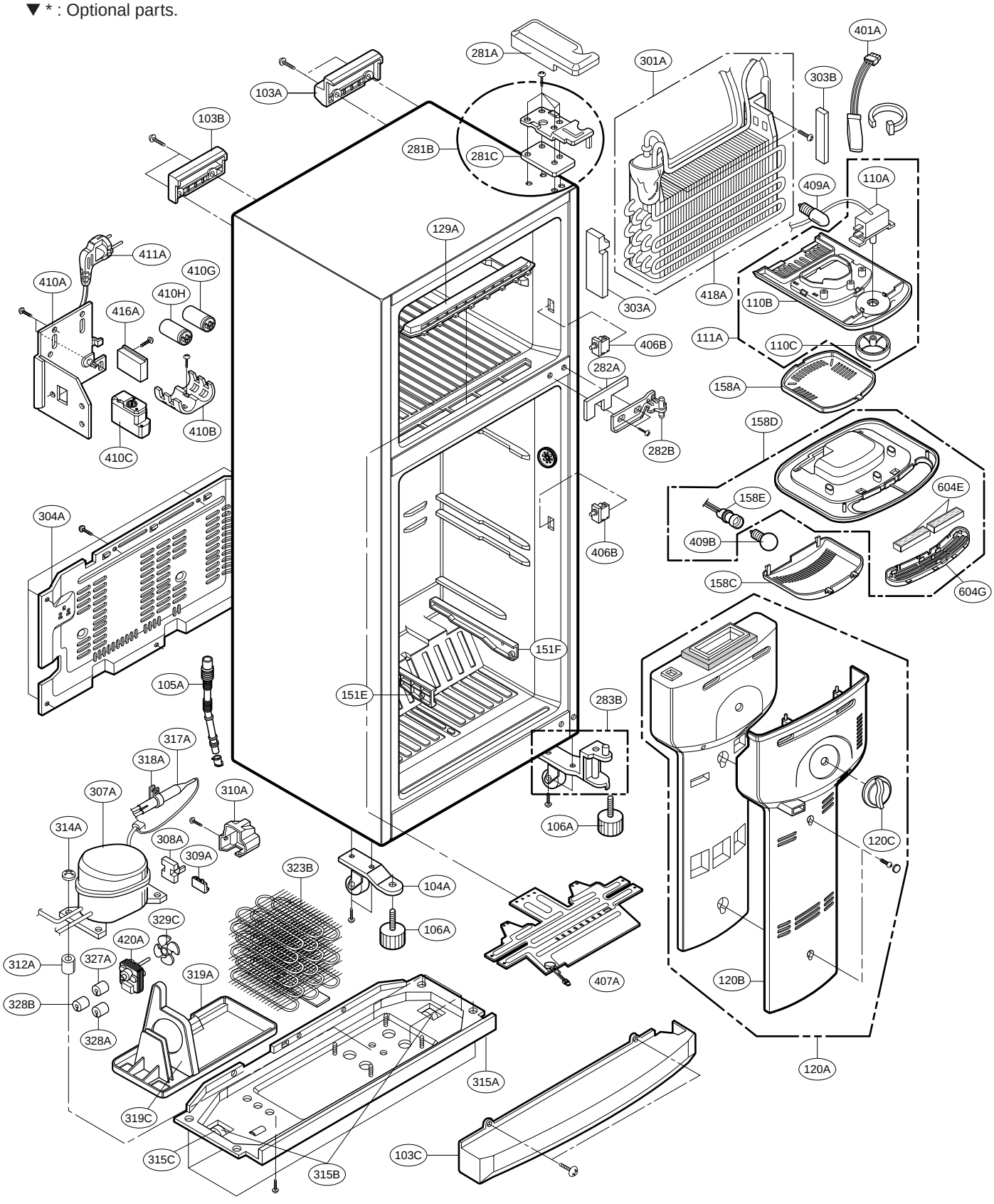
Leveling Screw

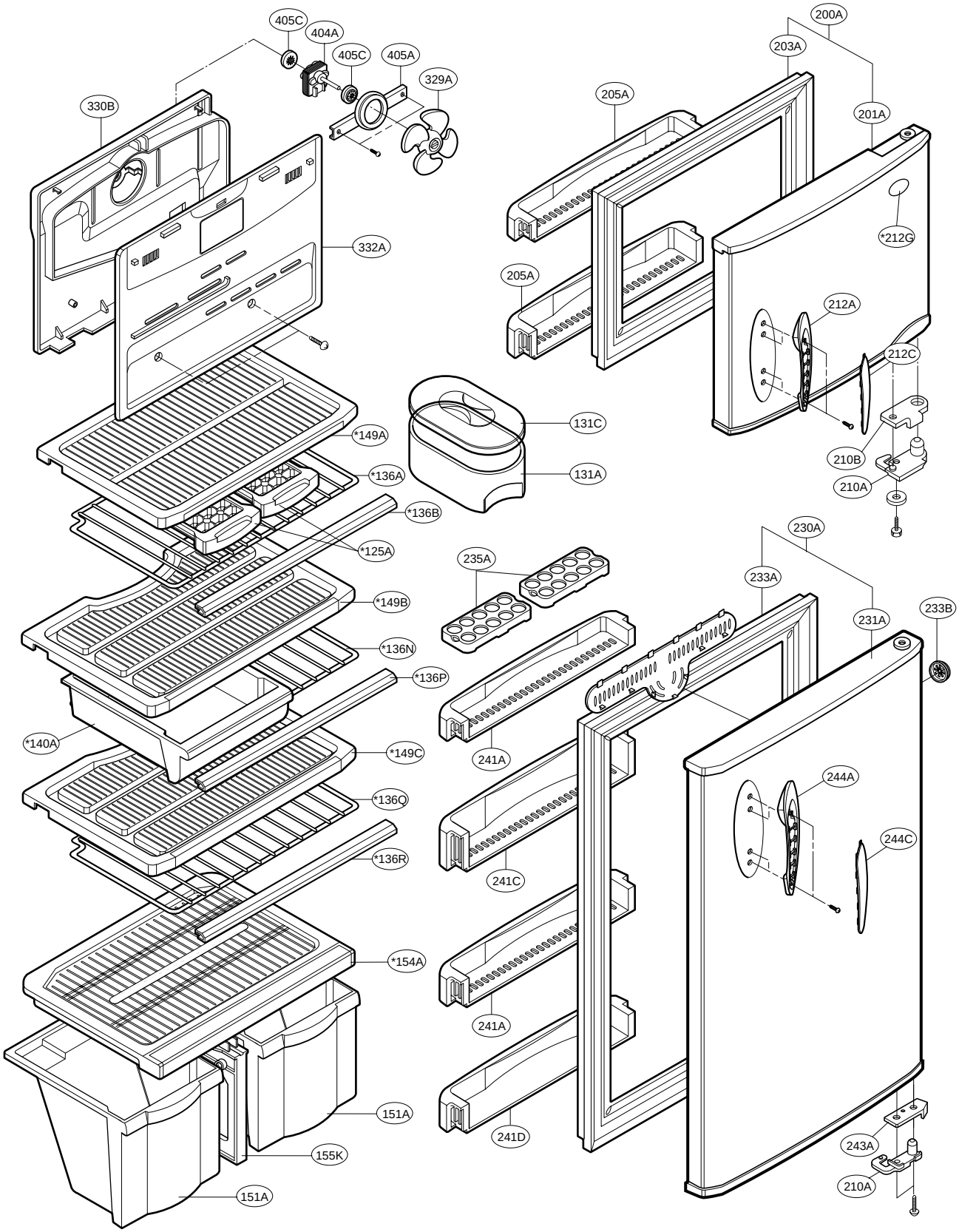
Cover Lower

NOTE : This is a basic model. The shape of refrigerator is subject to change.

EXPLODED VIEW

▼ The parts of refrigerator and the shape of each part are subject to change in different localities.
▼ Capacitors and fuse are optional parts.
▼ * : Optional parts.




405C
404A
405C
405A
329A
330B
332A
*149A
*136A
*136B
*125A
*149B
*136N
*136P
*140A
*149C
*136Q
*136R
*154A
151A
155K
151A
131C
131A
200A
203A
205A
201A
*212G
205A
212A
212C
210B
210A
230A
233A
231A
233B
235A
241A
241C
241A
241D
244A
244C
243A
210A

3. DISASSEMBLY

3-1 DOOR

● **Freezer Door**

1. Remove the hinge cover by pulling it upwards.
2. Loosen hexagonal bolts fixing the upper hinge to the body and lift the freezer door.

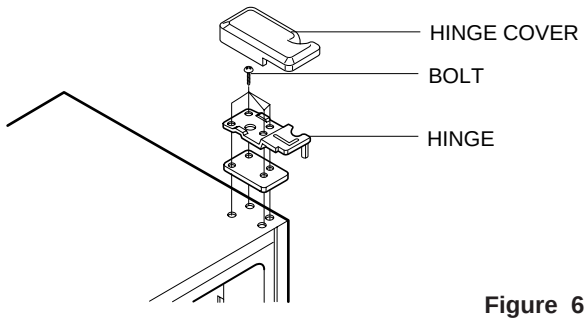


Figure 6

3. Pull out the door gasket to remove from the door foam Ass'y.

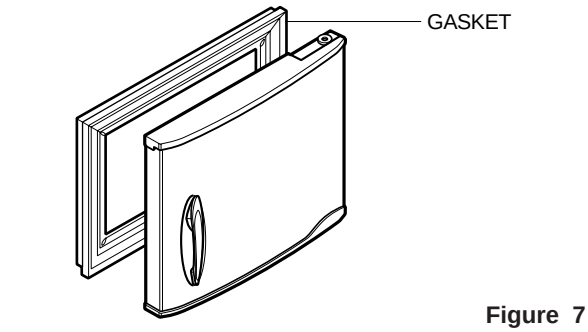


Figure 7

● **Refrigerator Door**

1. Loosen hexagonal bolts fixing the lower hinge to the body to remove the refrigerator door only.

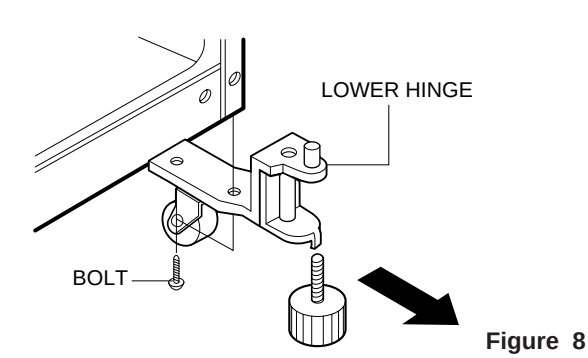


Figure 8

2. Pull out the door gasket to remove from the door foam Ass'y.

3-2 DOOR SWITCH

1. To remove the door switch, pull out it with a '—' type driver as shown in (figure 9).
2. Disconnect the lead wire from the switch.

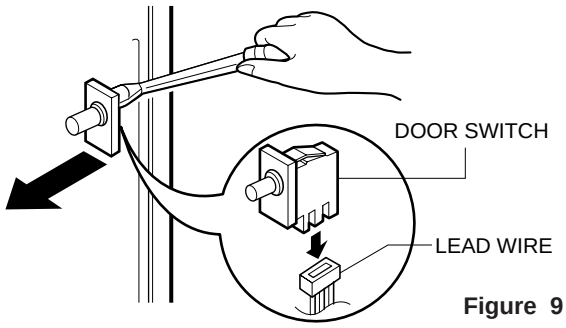


Figure 9

3-3 THERMOSTAT

1. Remove the freezer shelf.
2. Remove the Cover Lamp-F and Control Box-F by loosening 2 screw fixed to ceiling of Inner Case (Figure 10)
3. Remove the Control Box-F by loosening 2 screws after detaching the cap.
4. Pull the Control Box Assy down and, separate the thermostat and Control Box-F.
5. Remove the thermostat by disconnecting the lead wire.

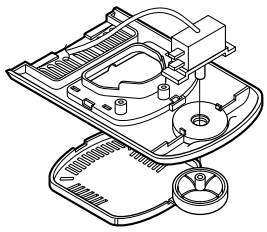


Figure 10

3.4 FAN AND FAN MOTOR

1. Remove the freezer shelf.
2. Remove the Cover Lamp-F and Holder Cover Lamp by loosening 2 screw fixed to ceiling of Inner Case.

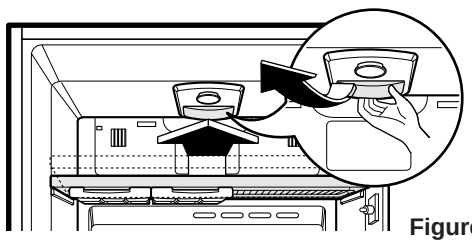


Figure 11

3. Remove the Grille by pulling it out.
4. Pull out the Shroud and remove the Fan Motor Assy by loosening 2 screws.
5. Pull out the fan and, separate the Fan Motor, Brackets and the Guide Fan.

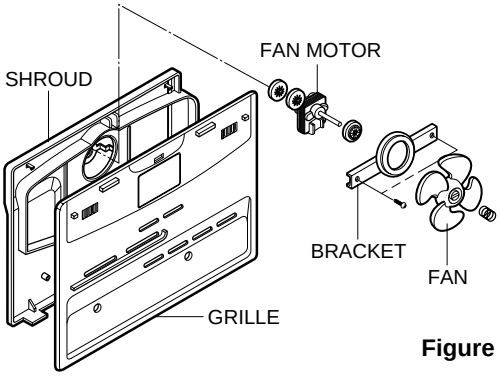


Figure 12

3-5 DEF' CONTROL ASSY

Def control Assy consists of Defrost Thermostat and FUSE–M.

Defrost Thermostat functions to defrost automatically and it is attached to metal side of the Evaporator and senses Temp.

Fuse-M is a kind of safety device for preventing over-heating of the Heater when defrosting.

At the temperature of 77°C, it stops the emission of heat from the Heater.

1. Pull out the Shroud after removing the Grille.
2. Separate the connector connected with the Def Control Assy and replace the Def Control Assy after cutting the Tie Wrap and removing the Holder Fuse. (Figure 14)

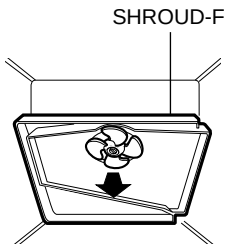


Figure 13

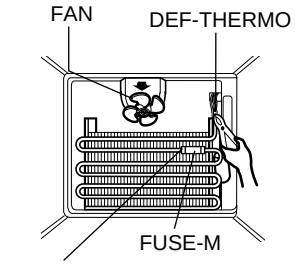


Figure 14

3-6 LAMP

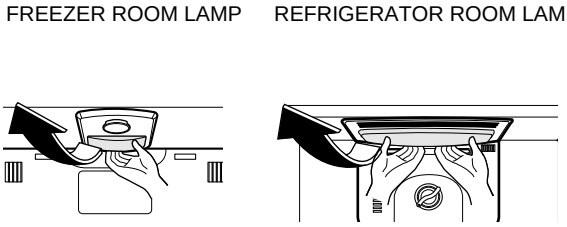


Figure 16 **Figure 17**

3-6-1 Freezer room lamp

1. Unplug the power cord from the outlet.
2. Remove the room lamp lid by taking down while pulling it forward with your hand after inserting finger into the inside hole as shown in (figure 16).
3. Remove the lamp by turning it counterclockwise.
4. Assemble in reverse order of disassembly. Replacement bulb must be the same specication as original.

3-6-2 Refrigerator room lamp

1. Unplug the power cord from the outlet.
2. Remove refrigerator shelves.
3. Remove the room lamp lid by taking down while pulling forward with your hands as shown in (figure 17).
4. Turn the lamp counterclockwise.
5. Assemble in reverse order of disassembly. Replacement bulb must be the same specification as original.

3-7 CONTROL BOX-R

1. First, remove all shelves in the refrigerator.

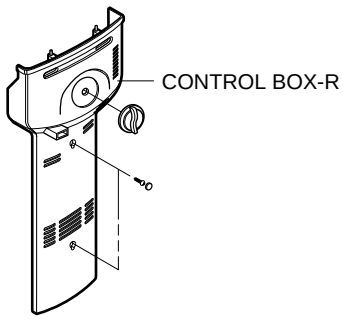
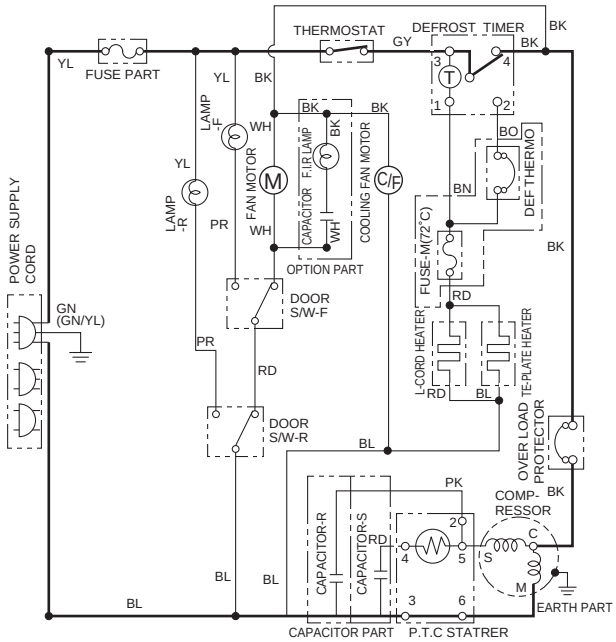


Figure 18

2. Loosen 2 screws fixing the Control Box-R to the Inner Case after detaching the cap screw.
3. Remove the Control Box-R by pulling it downward.

CIRCUIT DIAGRAM



• FUSE SPECIFICATION

NON FUSE	FUSE	
	100V~ 127V	200V~ 240V
—/—	250V 15A	250V 9A

• OPTIONS CAN BE APPLIED BY THE REQUEST OF BUYERS.
• CAPACITORS, THE PLUG TYPE, EARTH PART ON CIRCUIT DIAGRAM ARE SUBJECT TO CHAGE IN DIFFERENT LOCALITIES.

• F.I.R LAMP'S CAPACITOR SPECIFICATION

	220V ~ 240V		100 ~ 127V
F.I.R CAPACITOR	50Hz	300VAC, 0.33uF	—/—
	60Hz	300VAC, 0.27uF	

WH : WHITE BL : BLUE RD : RED PK : PINK
BK : BLACK BN : BROWN PR : PURPLE YL :YELLOW
BO : BRIGHT ORANGE GY : GRAY GN : GREEN

3854JD1010L

No.	Loc No.	C/Part No	UOM	Description
1	103A	3650JA2003W	EA	HANDLE,BACK
2	103B	3650JA2003X	EA	HANDLE,BACK
3	103C	3550JA1005N	EA	COVER,LOWER
4	104A	4779JA2004A	EA	LEG ASSY
5	105A	5251JA3001A	EA	DRAIN ASSY,PIPE-Z
6	106A	4779JA2003A	EA	LEG ASSY,ADJUST
7	110A	6930JB1003A	EA	THERMOSTAT
8	110B	3550JA1034D	EA	COVER,THERMO
9	110C	4940JD1001M		KNOB,THERMO
10	111A	4995JA1006Q		CONTROL BOX ASSY,F
11	120B	4994JD1025H		CONTROL BOX,R
12	120B	4995JA1023B		CONTROL BOX ASSY,R
13	120C	4940JA2004F	EA	KNOB,DAMPER
14	125A	3390JD1001T	EA	TRAY,ICE
15	129A	4974JA1016D	EA	GUIDE,DUCT
16	131A	5074JA3017D	EA	BANK,ICE
17	131C	3550JA3069B	EA	COVER,BANK ICE
18	140A	3390JD1018E	EA	TRAY,MEAT
19	149A	5026JD1005D	EA	SHELF,F
20	149B	5027JA2015A	EA	SHELF ASSY,R
21	149C	5026JD1005E	EA	SHELF,F
22	151A	3390JD1032D		TRAY,VEGETABLE
23	151E	4975JA2001T	EA	GUIDE ASSY,RAIL
24	151F	4975JA2001F	EA	GUIDE ASSY,RAIL
25	154A	3551JA2002M	EA	COVER ASSY,T/V
26	155K	4981JA2001F	EA	SUPPORTER ASSY,COVER-T/V
27	158A	3550JA2034A	EA	COVER,LAMP
28	158C	3550JA1041A	EA	COVER,LAMP
29	158D	4931JA1003J	EA	HOLDER ASSY,LAMP
30	158E	6621JB2002B	EA	SOCKET ASSY
31	200A	3581JA8330G		DOOR ASSY,F
32	201A	5433JA8323G		DOOR FOAM ASSY,F
33	203A	4987JA1020G		GASKET ASSY,DOOR
34	205A	5004JD1090D	EA	BASKET,DOOR
35	212A	3650JA1039B		HANDLE,F
36	212C	3650JA1041C		HANDLE,DECO
37	212G	3846JD1003K	EA	MARK
38	230A	3581JA8327G		DOOR ASSY,R
39	231A	5433JA8320G		DOOR FOAM ASSY,R
40	233A	4987JA1020H		GASKET ASSY,DOOR
41	233B	4930JA2018A	EA	HOLDER
42	241A	5004JD1090E	EA	BASKET,DOOR
43	241B	5004JD1091B	EA	BASKET,DOOR
44	241D	5004JD1031F	EA	BASKET,DOOR
45	243A	4620JA3001B		STOPPER,DOOR
46	244A	3650JA1040B		HANDLE,R
47	244C	3650JA1042C		HANDLE,DECO
48	281A	3550JA2010N	EA	COVER,HINGE
49	281B	4775JA2001D	EA	HINGE ASSY,U
50	282A	J345-00023A	EA	SEAT,HINGE
51	282B	J334-00083A	EA	HINGE ASSY,C
52	283B	4775JA1001R	EA	HINGE ASSY,L
53	301A	5421JA0003F	EA	EVAPORATOR ASSY
54	303A	4826JA2001B	EA	SPACER,INSULATION
55	303B	4J04321C	EA	INSU SPACER
56	304A	3550JA3089A		COVER,BACK-M/C
57	307A	2521C-B6924		RE-COMPRESSOR,ASSY
58	308A	6748C-0003C	EA	P.T.C,ASSY
59	309A	6750C-0004N	EA	O.L.P
60	310A	3550JA2087B		COVER,P.T.C
61	312A	5040JA3021A	EA	RUBBER,SEAT
62	314A	4J03277A	EA	STOPPER
63	315A	3103JA0001A	EA	COMP BASE ASSY
64	315B	4580JA2002A	EA	ROLLER,COMP BASE
65	315C	4J04238A		ROLLER PIN
66	317A	J700-00104C		DRIER
67	318A	4930JA3034A	EA	HOLDER,DRIER
68	319A	3390JA1119A		TRAY,DRIP

69	319C	4974JA1013A	EA	GUIDE,FAN
70	323B	5403JA1025A		CONDENSER ASSY,WIRE
71	327A	4J04328A	EA	RUBBER-Q
72	328A	4J03020A	EA	RUBBER-S JZ
73	328B	J756-00003A	EA	RUBBER-M
74	329A	J753-00011A	EA	FAN 110 ASM
75	329C	J753-00011A	EA	FAN 110 ASM
76	330B	4999JA1007E		SHROUD ASSY,F
77	332A	3531JA1009R	EA	GRILLE ASSY,FAN
78	401A	6615JB2002A	EA	CONTROL ASSY,DEF
79	404A	4680JB1019S	EA	MOTOR(MECH),FAN
80	405A	4810JA3007A	EA	BRACKET,MOTOR
81	405C	J756-00008B	EA	RUBBER MOTOR-N
82	406B	6600JB1002K	EA	SWITCH,PUSH
83	407A	5300JB1021A	EA	HEATER,PLATE-ETC
84	409A	6912JB2002F	EA	LAMP,VACCUM
85	409B	6912JB2001G	EA	LAMP,VACCUM
86	409C	J791-00010A	EA	LAMP F.I.R
87	410A	4810JA2005A	EA	BRACKET
88	410C	6914JB2001B	EA	TIMER,DEF
89	411A	J520-00029C	EA	POWER CORD
90	416A	J523-00011C	EA	TERMINAL BLOCK-F ASM
91	418A	5300JB1018B	EA	HEATER,CORD-L
92	420A	4680JB1017L	EA	MOTOR(MECH),COOLING
93	604E	4756JA3001G	EA	DEODORANT
94	604G	3550JA1054A	EA	COVER,DEODORIZER

Spec

J271-00005 2-HEAD SKIN BEIGE P
J271-00005 2-HEAD SKIN BEIGE P
R-B42,46 SK/BG
R-B00(`98 C-PJT)FZMY2
R-B42,46
GR-00
GR-00
R-B42,46 U/WH
U/WH LM-9801 ABS(HG-173) SILK SCREEN LT-
532-57 N/S U/WH(99) D/C
JA0005 U/WH 532,572 99(D/C) N/S
532-57 N/S D/C
R-B42-67 MIPS U/WH
JA1039 U/WH (D,LG)
R-B42,46B U/WH(98)
U/WH - MIPS J456-4
GR-522-54 CRSTAL
JA1045 C/ST GR-532(LG)
JA1043 C/ST 97(D,LG)
GR42-2KD C/ST(97)
JA1051 C/ST 97(D,LG)
JA1002 C/ST GR-532,572 98(LG)
L R-B42,46(98) U/WH
R R-B42,46(98) U/WH
GR-532,572 C/ST(U/WH)
R-B42,46(98) U/WH
(-F) GR42-63
GR42-GR68
GR-532,572 220-240/50 FIR ZZ
220V - 240V 50HZ FIR CAPA
T542GV GAL SE DC
T542GV GAL SE DC
R-B42,46(98) F DOUBLE
5004JA1011 C/ST GR-532,572 98(
42-53 CR GRIP HANDLE
F,42-53 PEARL BEIGE GRIP HANDLE
98(D), LG BRAND
T54-58 SE GAL VCM KY DC
T54-58 SE GAL VCM KY DC
R-B42,46(98) R DOUBLE
C-PJT
5004JA1011 C/ST GR-532,572 98(
5004JA1009 C/ST GR-532,572(LG)
JA1010 C/ST GR-532,572 98(LG)
R-B51,54,56 T2.3(SCP1)
42-53 CR GRIP HANDLE
R,42-53 PEARL BEIGE GRIP HANDLE
SKIN BEIGE UPPER PP 3550JA2010
R-00 N-MIC(SEAT ASSY)
GR45-2 TO.5
GR45-2 T3.2
SCP1 3.2 NO (NO-DISP BUFF)
GR-532,572 220V HOOK
R-B50/67
GR38/42-2
R-B42,46(97)
KX69LBEGH2 D QREF
P330MC
4TM276VFBYY-520
KX LUPOX TI
GR-00(97)
T0.7
GR42/46
'97 MDL
GR-00
NFC XH-7 DANMAL
CFC FREE M/S 12G
GR-532/572 PP(H540)

97 GR42,46
OD4.76 L11000 T0.7 SWST 20MM 160*100*150
RUBBER,Q NR H29 D31 HS55 36G
RUBBER,S NR H27 D20 HS57 10G
1DOOR 24gr
GR50-58
GR50-58
99 GR-532,572 D-PJT
532,572 U/WH
GR-00 KIGYE 13/-4
220V/50,60HZ 2200 0110
GR-00(97)
GR-OO CR
PS100-12 PARK ELEC LG(61)-E-80
GR41,46-2 220V
240V 15W T25 L60
240V 30W S35
392-46
GR41-2"67-2
200-240V 50,60HZ 6HR35MIN SANK
1.9M B2-TYPE R13-2ÿ22-2
UL,VDE
GR42,46-2 220V 165W
220V50,60HZ 8T 1900RPM 0110-4P
100*30*7
98 SVC TYPE